

## List of Patents and Publications for Information Disclosure Statement

Applicant(s): Lawrence H. Sawyer et al. Docket 17398  
 Serial No.: 10/720,299 Group: 1771  
 Filed: MAY 3 1 2005 Examiner: J. BOYD  
 November 24, 2003

U.S. PATENT DOCUMENTS							
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
GB	A1	3,670,731	6/20/1972	Harmon			
GB	A2	3,888,256	6/10/1975	Studinger			
	A3	3,901,236	8/26/1975	Assarsson et al.			
	A4	4,047,531	9/13/1977	Karami			
	A5	4,055,180	10/25/1977	Karami			
	A6	4,055,184	10/25/1977	Karami			
	A7	4,076,663	2/28/1978	Masuda et al.			
	A8	4,102,340	7/25/1978	Mesek et al.			
	A9	4,103,062	7/25/1978	Aberson et al.			
	A10	4,145,464	3/20/1979	McConnell et al.			
	A11	4,186,165	1/29/1980	Aberson et al.			
	A12	4,212,302	7/15/1980	Karami			
	A13	4,269,188	5/26/1981	Nishizawa et al.			
	A14	4,286,082	8/25/1981	Tsubakimoto et al.			
	A15	4,338,371	7/6/1982	Dawn et al.			
	A16	4,411,660	10/25/1983	Dawn et al.			
	A17	4,500,315	2/19/1985	Pieniak et al.			
	A18	4,537,590	8/27/1985	Pieniak et al.			
	A19	4,540,454	9/10/1985	Pieniak et al.			
	A20	4,573,988	3/25/1986	Pieniak et al.			
	A21	4,578,068	3/25/1986	Kramer et al.			
	A22	4,590,114	5/20/1986	Holtman			
	A23	4,600,458	7/15/1986	Kramer et al.			
	A24	4,610,678	9/9/1986	Weisman et al.			
	A25	4,663,220	5/5/1987	Wisneski et al.			
	A26	4,704,116	11/3/1987	Enloe			
	A27	4,753,646	6/28/1988	Enloe			
	A28	4,806,408	2/21/1989	Pierre et al.			
	A29	4,822,453	4/18/1989	Dean et al.			
	A30	4,842,594	6/27/1989	Ness			
	A31	4,880,419	11/14/1989	Ness			
	A32	4,888,231	12/19/1989	Angstadt			
	A33	4,898,642	2/6/1990	Moore et al.			
	A34	4,908,175	3/13/1990	Angstadt			
	A35	4,916,005	4/10/1990	Lippert et al.			
	A36	4,927,582	3/22/1990	Bryson			
	A37	4,938,753	7/3/1990	Van Gompel et al.			

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9/15	A38	5,009,650	4/23/1991	Bernardin			
	A39	5,013,309	5/7/1991	Baigas Jr. et al.			
	A40	5,019,063	5/28/1991	Marsan et al.			
	A41	5,019,073	5/28/1991	Roessler et al.			
	A42	5,043,206	8/27/1991	Ternstrom			
	A43	5,061,259	10/29/1991	Goldman et al.			
	A44	5,100,397	3/31/1992	Poccia et al.			
	A45	5,124,197	6/23/1992	Bernardin et al.			
	A46	5,145,727	9/8/1992	Potts et al.			
	A47	5,149,335	9/22/1992	Kellenberger et al.			
	A48	5,171,237	12/15/1992	Poccia et al.			
	A49	5,217,445	6/8/1993	Young et al.			
	A50	5,226,992	7/13/1993	Morman			
	A51	5,231,122	7/27/1993	Palumbo et al.			
	A52	5,246,429	9/21/1993	Poccia et al.			
	A53	5,248,524	9/28/1993	Soderlund			
	A54	5,262,223	11/16/1993	Palumbo et al.			
	A55	5,281,207	1/25/1994	Chmielewski et al.			
	A56	5,300,054	4/5/1994	Feist et al.			
	A57	5,304,161	4/19/1994	Noel et al.			
	A58	5,330,822	7/19/1994	Berg et al.			
	A59	5,348,547	9/20/1994	Payne et al.			
	A60	5,356,403	10/18/1994	Faulks et al.			
	A61	5,360,420	11/1/1994	Cook et al.			
	A62	5,364,382	11/15/1994	Latimer et al.			
	A63	5,399,219	3/21/1995	Roessler et al.			
	A64	5,439,458	8/8/1995	Noel et al.			
	A65	5,447,677	9/5/1995	Griffoul et al.			
	A66	5,460,622	10/24/1995	Dragoo et al.			
	A67	5,482,761	1/9/1996	Palumbo et al.			
	A68	5,486,166	1/23/1996	Bishop et al.			
	A69	5,486,167	1/23/1996	Dragoo et al.			
	A70	5,490,846	2/13/1996	Ellis et al.			
	A71	5,505,718	4/9/1996	Roe et al.			
	A72	5,520,673	5/28/1996	Yarbrough et al.			
	A73	5,531,728	7/2/1996	Lash			
	A74	5,540,796	7/30/1996	Fries			
	A75	5,550,189	8/27/1996	Qin et al.			
9/15	A76	5,558,655	9/24/1996	Jezzi et al.			

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<i>8/17</i>	A77	5,562,645	10/8/1996	Tanzer et al.			
	A78	5,562,646	10/8/1996	Goldman et al.			
	A79	5,593,399	1/14/1997	Tanzer et al.			
	A80	5,595,618	1/21/1997	Fries et al.			
	A81	5,599,336	2/4/1997	Plischke			
	A82	5,601,542	2/11/1997	Melius et al.			
	A83	5,605,735	2/25/1997	Zehner et al.			
	A84	5,614,570	3/25/1997	Hansen et al.			
	A85	5,624,429	4/19/1997	Long et al.			
	A86	5,629,377	5/13/1997	Burgert et al.			
	A87	5,649,915	7/22/1997	Chauvette et al.			
	A88	5,653,702	8/5/1997	Brohammer et al.			
	A89	5,681,300	10/28/1997	Ahr et al.			
	A90	5,714,156	2/3/1998	Schmidt et al.			
	A91	5,720,736	2/24/1998	Hatsuda et al.			
	A92	5,720,737	2/24/1998	Hamajima et al.			
	A93	5,728,082	3/17/1998	Gustafsson et al.			
	A94	5,728,084	3/17/1998	Palumbo et al.			
	A95	5,730,737	3/24/1998	Widlund et al.			
	A96	5,741,241	4/21/1998	Guidotti et al.			
	A97	5,762,641	6/9/1998	Bewick-Sonntag et al.			
	A98	5,762,844	6/9/1998	Van Himbergen et al.			
	A99	5,779,860	7/14/1998	Hollenberg et al.			
	A100	5,785,696	7/28/1998	Inoue et al.			
	A101	5,788,684	8/4/1998	Abuto et al.			
	A102	5,797,894	8/25/1998	Cadieux et al.			
	A103	5,800,417	9/1/1998	Georg-Wood et al.			
	A104	5,800,418	9/1/1998	Ahr			
	A105	5,800,419	9/1/1998	Soga et al.			
	A106	5,807,362	9/15/1998	Serbiak et al.			
	A107	5,814,034	9/29/1998	Widlund et al.			
	A108	5,817,081	10/6/1998	La Von et al.			
	A109	5,817,085	10/6/1998	Widlund et al.			
	A110	5,830,202	11/3/1998	Bogdanski et al.			
	A111	5,836,929	11/17/1998	Bewick-Sonntag et al.			
	A112	5,843,061	12/1/1998	Chauvette et al.			
	A113	5,843,852	12/1/1998	Dutkiewicz et al.			
	A114	5,849,002	12/15/1998	Carlos et al.			
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<u>Q15</u>	A116	5,855,571	1/5/1999	Steger et al.				
	A117	5,877,097	3/2/1999	West et al.				
	A118	5,882,464	3/16/1999	Theisgen et al.				
	A119	5,891,119	4/6/1999	Ta et al.				
	A120	5,891,120	4/6/1999	Chmielewski				
	A121	5,895,379	4/20/1999	Litchholt et al.				
	A122	5,904,675	5/18/1999	Laux et al.				
	A123	6,030,373	2/29/2000	Van Gompel et al.				
	A124	6,388,960	5/7/2002	Everett et al.				
<u>Q15</u>	A125	6,437,214	8/20/2002	Everett et al.				
	A126	6,710,225	3/23/2004	Everett et al.				

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				Class	Subclass	Yes	No
<u>Q15</u>	A1	EP 0217032 A2	4/8/1987	EP			
	A2	EP 0325416 A3	7/26/1989	EP			
	A3	EP 0343941 A3	11/29/1989	EP			
	A4	EP 0558889 A1	9/8/1993	EP			
	A5	EP 0592401 B1	4/20/1994	EP			
	A6	EP 0615736 A1	6/21/1994	EP			
	A7	EP 0631768 A1	1/04/1995	EP			
	A8	EP 0640330 A1	3/1/1995	EP			
	A9	EP 0689815 A1	1/3/1996	EP			
	A10	EP 0691133 A1	1/10/1996	EP			
	A11	EP 0692231 A1	1/17/1996	EP			
	A12	EP 0695541 A1	2/7/1996	EP			
	A13	EP 0697217 A1	2/21/1996	EP			
	A14	EP 0700672 A1	3/13/1996	EP			
	A15	EP 0700673 A1	3/13/1996	EP			
	A16	EP 0401189 B2	6/26/1996	EP			
	A17	EP 0726752 B1	8/21/1996	EP w/English Abstract			X
	A18	EP 0523744B1	10/30/1996	EP			
	A19	EP 0512001B1	5/28/1997	EP			
	A20	EP 0758219B1	8/26/1998	EP			
	A21	EP 0875225 A1	11/4/1998	EP			
	A22	EP 0637953B1	1/20/1999	EP			
	A23	EP 0933074 A1	8/4/1999	EP			
<u>Q15</u>	A24	EP 0661030B1	7/12/2000	EP			

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973	A25	FR 2627080 A1	4/18/1989	FR			X	
	A26	GB 2280115 A	1/25/1995	GB				
	A27	GB 2296511 A1	7/3/1998	GB				
	A28	WO 90/14815	12/13/1990	WO-PCT				
	A29	WO 91/15177	10/17/1991	WO-PCT				
	A30	WO 95/17870	7/6/1995	WO-PCT				
	A31	WO 97/13484	4/17/1997	WO-PCT				
	A32	WO 97/17924	5/22/1997	WO-PCT				
	A33	WO 9723184	7/3/1997	WO-PCT				
	A34	WO 98/14151	4/9/1998	WO-PCT w/Eng. Abs.				X
	A35	WO 98/22059	5/28/1998	WO-PCT				
	A36	WO 98/22065	5/28/1998	WO-PCT				
	A37	WO 98/24621	6/11/1998	WO-PCT				
970	A38	WO 99/32165	7/1/1999	WO-PCT				

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973	A1	ASTM Designation: E11-87, "Standard Specification for Wire-Cloth Sieves," pp. 13-16, Published 1987.
973	A2	Federal Test Method Standard No. 191A, Method 5514, "Water Resistance of Cloth; Low Range, Hydrostatic Pressure Method," July 20, 1978.
973	A3	TAPPI Test Method T543 om-94, "Bending Resistance of Paper (Gurley Type Tester)," Published by the TAPPI Press, 1994, Atlanta, GA, pp. 1-7.
973	A4	Berdichevsky, A.L. et al., "Preform Permeability Predictions by Self-Consistent Method and Finite Element Simulation," <u>Polymer Composites</u> , Vol. 14, No. 2, April 1993, pp. 132-143.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with your next communication.

Examiner: 

Date Considered: 9/27/05

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U.S. PATENT DOCUMENTS						
Initial		Doc. No.	Date	Name	Class	Subclass
gpb	A1	H1511	12/1995	Chappell et al.		
	A2	H1698	11/1997	Lloyd et al.		
	A3	Re. 29,789	10/1978	Kolbach		
	A4	3,670,731	06/1972	Harmon		
	A5	3,766,922	10/1973	Krusko		
	A6	3,768,480	10/1973	Mesek et al.		
	A7	3,802,817	04/1974	Matsuki et al.		
	A8	3,860,002	01/1975	Kolbach		
	A9	3,871,378	03/1975	Duncan et al.		
	A10	4,223,677	09/1980	Anderson		
	A11	4,285,342	08/1981	Mesek		
	A12	4,333,462	06/1982	Holtman et al.		
	A13	4,333,463	06/1982	Holtman		
	A14	4,340,563	07/1982	Appel et al.		
	A15	4,375,448	03/1983	Appel et al.		
	A16	4,381,782	05/1983	Mazurak et al.		
	A17	4,388,056	06/1983	Lee et al.		
	A18	4,397,644	08/1983	Matthews et al.		
	A19	4,449,979	05/1984	Holtman		
	A20	4,494,278	01/1985	Kroyer et al.		
	A21	4,531,945	07/1985	Allison		
	A22	4,578,068	03/1986	Kramer et al.		
	A23	4,624,666	11/1986	DeRossett et al.		
	A24	4,640,810	02/1987	Laursen et al.		
	A25	4,670,011	06/1987	Mesek		
	A26	4,673,402	06/1987	Weisman et al.		
	A27	4,685,915	08/1987	Hasse et al.		
	A28	4,699,823	10/1987	Kellenberger et al.		
	A29	4,781,710	11/1988	Megison et al.		
	A30	4,795,668	01/1989	Krueger et al.		
	A31	4,798,603	01/1989	Meyer et al.		
	A32	4,828,555	05/1989	Hermansson		
	A33	4,834,735	05/1989	Alemany et al.		
	A34	4,840,692	06/1989	Kamstrup-Larsen		
	A35	4,923,454	05/1990	Seymour et al.		
gpb	A36	4,935,022	06/1990	Lash et al.		

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Qb	A37	4,988,344	01/1991	Reising et al.		
	A38	4,988,345	01/1991	Reising		
	A39	4,994,037	02/1991	Bernardin		
	A40	5,028,224	07/1991	Pieper et al.		
	A41	5,037,409	08/1991	Chen et al.		
	A42	5,047,023	09/1991	Berg		
	A43	5,057,368	10/1991	Largman et al.		
	A44	5,069,970	12/1991	Largman et al.		
	A45	5,102,585	04/1992	Pieper et al.		
	A46	5,108,820	04/1992	Kaneko et al.		
	A47	5,134,007	07/1992	Reising et al.		
	A48	5,156,902	10/1992	Pieper et al.		
	A49	5,176,668	01/1993	Bernardin		
	A50	5,277,976	01/1994	Hogle et al.		
	A51	5,294,478	03/1994	Wanek et al.		
	A52	5,336,552	08/1994	Strack et al.		
	A53	5,350,370	09/1994	Jackson et al.		
	A54	5,356,405	10/1994	Thompson et al.		
	A55	5,368,926	11/1994	Thompson et al.		
	A56	5,382,245	01/1995	Thompson et al.		
	A57	5,382,400	01/1995	Pike et al.		
	A58	5,391,161	02/1995	Hellgren et al.		
	A59	5,429,629	07/1995	Latimer et al.		
	A60	5,451,442	09/1995	Pieniak et al.		
	A61	5,462,537	10/1995	Carr et al.		
	A62	5,466,410	11/1995	Hills		
	A63	5,466,513	11/1995	Wanek et al.		
	A64	5,505,719	04/1996	Cohen et al.		
	A65	5,525,407	06/1996	Yang		
	A66	5,527,171	06/1996	Soerensen		
	A67	5,550,167	08/1996	DesMarais		
	A68	5,558,713	09/1996	Siegfried et al.		
	A69	5,562,650	10/1996	Everett et al.		
	A70	5,563,179	10/1996	Stone et al.		
	A71	5,567,472	10/1996	Siegfried et al.		
	A72	5,569,226	10/1996	Cohen et al.		
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Qb	A74	5,589,117	12/1996	Yang		

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QMB	A75	5,591,149	01/1997	Cree et al.			
	A76	5,599,335	02/1997	Goldman et al.			
	A77	5,607,414	03/1997	Richards et al.			
	A78	5,611,879	03/1997	Morman			
	A79	5,632,737	05/1997	Stone et al.			
	A80	5,651,862	07/1997	Anderson et al.			
	A81	5,669,894	09/1997	Goldman et al.			
	A82	5,688,259	11/1997	Osborn, III et al.			
	A83	5,692,939	12/1997	DesMarais			
	A84	5,700,254	12/1997	McDowall et al.			
	A85	5,722,967	03/1998	Coles			
	A86	5,728,083	03/1998	Cohen et al.			
	A87	5,750,066	05/1998	Vonderhaar et al.			
	A88	5,785,697	07/1998	Trombetta et al.			
	A89	5,786,395	07/1998	Stone et al.			
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	A91	5,820,973	10/1998	Dodge, II et al.			
	A92	5,827,253	10/1998	Young et al.			
	A93	5,827,255	10/1998	Crainic			
	A94	5,837,087	11/1998	Ahr			
	A95	5,843,063	12/1998	Anderson et al.			
	A96	5,849,000	12/1998	Anjur et al.			
	A97	5,851,648	12/1998	Stone et al.			
	A98	5,856,366	01/1999	Shiveley et al.			
	A99	5,869,171	02/1999	Shiveley et al.			
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	A102	5,913,850	06/1999	D'Alessio et al.			
	A103	5,948,829	09/1999	Wallajapet et al.			
	A104	5,961,506	10/1999	Guidotti et al.			
	A105	5,961,757	10/1999	Trombetta et al.			
	A106	5,964,743	10/1999	Abuto et al.			
	A107	5,972,505	10/1999	Phillips et al.			
	A108	5,977,014	11/1999	Plischke et al.			
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gpb	A113	6,037,518	03/2000	Guidotti et al.				
	A114	6,060,638	05/2000	Paul et al.				
	A115	6,072,101	06/2000	Beihoffer et al.				
	A116	6,083,210	07/2000	Young et al.				
	A117	6,087,448	07/2000	Mitchell et al.				
	A118	6,117,523	09/2000	Sugahara				
	A119	6,127,594	10/2000	Rosseland				
	A120	6,152,904	11/2000	Matthews et al.				
	A121	6,194,631	02/2001	Mitchell et al.				
	A122	6,348,253	02/2002	Daley et al.				
gpb	A123	6,395,957	05/2002	Chen et al.				

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	A3	EP 0 700 673 B1	03/2002	EPC				
	A4	WO 93/01780	02/1993	PCT				
	A5	WO 93/02251	02/1993	PCT				
	A6	WO 94/02093	02/1994	PCT				
	A7	WO 98/22067	05/1998	PCT				
	A8	WO 98/51251	11/1998	PCT				
	A9	WO 99/17694	04/1999	PCT				
	A10	WO 99/17695	04/1999	PCT				
	A11	WO 99/51429	10/1999	PCT				
	A12	WO 99/63922	12/1999	PCT				
	A13	WO 99/63923	12/1999	PCT				
	A14	WO 99/63925	12/1999	PCT				
	A15	WO 00/00121	01/2000	PCT				
	A16	WO 00/00145	01/2000	PCT				
	A17	WO 00/19955	04/2000	PCT				
	A18	WO 00/27625	05/2000	PCT				
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**List of Patents and Publications for Information Disclosure Statement**

Applicant(s): Lawrence H. Sawyer et al.  
 Serial No.: 10/720,299  
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 Examiner: Unknown J. BOYD

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**OTHER DOCUMENTS**

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503	A1 RD 37421, Thermally Bonded Absorbent Structures Having Discrete, Stepped Density Zones in the Z-Dimension, 156-298, June 1995.387-390.
503	A2 "Fluid Distribution: Comparison of X-ray imaging Data", by David F. Ring, Oscar Lijap and Joseph Pascente in Nonwovens World magazine, summer 1995, at pages 67-70.
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with your next communication.

Examiner:



Date Considered:

9/27/05

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